RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/588.449
Source:	IFWP.
Date Processed by STIC:	8/15/06
•	

ENTERED

CRF Errors Edited by the STIC Systems Branch

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line Corrected the SEQ ID NO. Sequence numbers edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Deleted:invalid beginning/end-of-file text; page numbers Inserted mandatory headings/numeric identifiers, specifically: Moved responses to same line as heading/numeric identifier, specifically: Other:	Serial	Number: 10/588,449	CRF Edit Date: 8/15/06 Edited by:
Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Deleted:		•	in cases where the sequence
NO's edited: Deleted:invalid beginning/end-of-file text; page numbers Inserted mandatory headings/numeric identifiers, specifically: Moved responses to same line as heading/numeric identifier, specifically:		Corrected the SEQ ID NO. Sequence numbers e	edited were:
Inserted mandatory headings/numeric identifiers, specifically: Moved responses to same line as heading/numeric identifier, specifically:			d of a nucleic line. SEQ ID
Moved responses to same line as heading/numeric identifier, specifically:	<u></u>	Deleted: invalid beginning/end-of-file text;	page numbers
		Inserted mandatory headings/numeric identifier	s, specifically:
Other:		Moved responses to same line as heading/numeri	ic identifier, specifically:
		Other:	
			



IFWP

RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/588,449**DATE: 08/15/2006
TIME: 16:51:58

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J588449.raw

```
3 <110> APPLICANT: Lundquist, Henrik
              Spendler, Tina
             Hoff, Tine
      7 <120> TITLE OF INVENTION: Preparation of Dough-Based Product
      9 <130> FILE REFERENCE: 10581-204-US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/588,449
C--> 11 <141> CURRENT FILING DATE: 2006-08-03
     11 <160> NUMBER OF SEQ ID NOS: 4
     13 <170> SOFTWARE: PatentIn version 3.3
     15 <210> SEQ ID NO: 1
    16 <211> LENGTH: 781
     17 <212> TYPE: DNA
     18 <213> ORGANISM: Bacillus halodurans
     21 <220> FEATURE:
     22 <221> NAME/KEY: CDS
    23 <222> LOCATION: (58)..(687)
    25 <220> FEATURE:
     26 <221> NAME/KEY: sig peptide
     27 <222> LOCATION: (58)..(141)
    29 <220> FEATURE:
     30 <221> NAME/KEY: mat peptide
     31 <222> LOCATION: (142)..(687)
    33 <400> SEQUENCE: 1
    34 aatcgacaac aaacgtgtaa ataagtagta cgataaaaat tttgaggagg acgaatc
                                                                               57
     36 atg ttt aag ttc gtt acg aaa gtt ttg acg gta gta att gca gct aca
                                                                              105
     37 Met Phe Lys Phe Val Thr Lys Val Leu Thr Val Val Ile Ala Ala Thr
                    -25
                                        -20
    40 att agt ttt tgt ttg agt gca gta ccg gca agt gct aat acc tat tgg
                                                                              153
    41 Ile Ser Phe Cys Leu Ser Ala Val Pro Ala Ser Ala Asn Thr Tyr Trp
    42
                -10
                                    -5
                                                     -1
    44 caa tat tgg acc gat ggt gga aca gta aat gct aca aat gga cct
                                                                              201
     45 Gln Tyr Trp Thr Asp Gly Gly Gly Thr Val Asn Ala Thr Asn Gly Pro
                            10
    48 ggt gga aat tac agt gtg aca tgg aga gat aca ggg aac ttt gtt gtc
                                                                              249
    49 Gly Gly Asn Tyr Ser Val Thr Trp Arg Asp Thr Gly Asn Phe Val Val
    52 ggt aaa ggc tgg gaa atc ggt tca cca aat cga acg atc cat tac aat
                                                                              297
    53 Gly Lys Gly Trp Glu Ile Gly Ser Pro Asn Arq Thr Ile His Tyr Asn
    54
                    40
    56 gct ggt gtc tgg gaa ccg tct gga aat gga tat ttg act ctc tat ggg
                                                                              345
    57 Ala Gly Val Trp Glu Pro Ser Gly Asn Gly Tyr Leu Thr Leu Tyr Gly
    60 tgg aca agg aat cag ctc ata gaa tat tat gtc gtt gat aat tgg gga
                                                                              393
```

RAW SEQUENCE LISTING DATE: 08/15/2006
PATENT APPLICATION: US/10/588,449 TIME: 16:51:58

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J588449.raw

61 62	Trp	Thr 70	Arg	Asn	Gln	Leu	Ile 75	Glu	Tyr	Tyr	Val	Val 80	Asp	Asn	Trp	Gly	
_	act		aqa	cct	act	qqa	acc	cat	cqa	qqc	acc	qtt	qtc	aqt	qat	qqq	441
				Pro													
66	85	_	_			90				_	95				_	100	
68	gga	aca	tat	gac	atc	tat	acg	act	atg	cga	tac	aat	gca	cct	tcc	att	489
				Asp													
70					105					110					115		
72	gat	ggg	aca	caa	acg	ttc	caa	cag	ttc	tgg	agt	gtg	agg	caa	tcg	aag	537
73	Asp	Gly	Thr	Gln	Thr	Phe	Gln	Gln	Phe	Trp	Ser	Val	Arg	Gln	Ser	Lys	
74				120					125					130			
	_	_		gga													585
77	Arg	Pro	Thr	Gly	Asn	Asn	Val	Ser	Ile	Thr	Phe	Ser	Asn	His	Val	Asn	
78			135					140					145				
			_	aat	-		-		_		_	-					633
81	Ala	_	Arg	Asn	Ala	Gly		Asn	Leu	Gly	Ser		\mathtt{Trp}	Ser	Tyr	Gln	
82		150					155					160					
				aca													681
		Leu	Ala	Thr	Glu	_	Tyr	Gln	Ser	Ser		Arg	Ser	Asn	Val		
	165					170					175					180	=25
	gtt Val		taga	acga	ıga a	agac	ggaa	it ta	actt	tctg	g aat	attt	aaa	aaca	aat	cta	737
		-	ac c	jaact	taag	a tt	tact	catt	aag	gaaga	aatg	aago	2				781
	-		_	NO:	-					_	•						
96	-211	I ~ T.F	MODE		_												
	~211		MGIL	I: 21	.0												
		2> T)			.0												
97	<212	2> TY	PE:			.llus	s hal	.odur	ans								
97 98 100	<212 <213 > <40	2> T) 3> OF	PE: RGANI SEQUE	PRT SM: ENCE:	Baci 2												
97 98 100	<212 <213 > <40	2> T) 3> OF	PE: RGANI SEQUE	PRT SM: ENCE:	Baci 2					ı Thi	· Val	l Va]	l Ile	e Ala	a Al	a Thr	
97 98 100 102	<212 <213 > <40 2 Met	2> T) 3> OF 00> S : Phe	PE: GANI EQUE Lys	PRT SM: ENCE: Phe -25	Baci 2 Val	Thi	. Lys	val	. Leu -20)				-15	5		
97 98 100 102 103	<212 <213 > <40 2 Met 3	2> T) 3> OF 00> S : Phe	PE: RGANI SEQUE Lys	PRT ISM: ENCE: Phe -25 Cys	Baci 2 Val	Thi	. Lys	Val	. Leu -20)		. Ala	a Asr	-15	5	a Thr r Trp	
97 98 100 102 103 106	<212 <213 > 40 2 Met 3 5 Ile	2> TY 3> OF 00> S Phe	PE: RGANI SEQUE Lys Phe	PRT SM: ENCE: Phe -25 Cys	Baci 2 Val	Thi	Lys	Val Val	. Lei -20) Ala	a Ser	: Ala	a Asr 1	-15 n Thi	5 c Ty:	r Trp	
97 98 100 102 103 106 110	<212 <213 > <40 2 Met 3 5 Ile 7	2> TY 3> OF 00> S Phe	PE: RGANI SEQUE Lys Phe	PRT SM: ENCE: Phe -25 Cys	Baci 2 Val	Thi Sei Gly	Lys Ala	Val Val	. Lei -20) Ala	a Sei L Asr	: Ala	a Asr 1	-15 n Thi	5 c Ty:	r Trp y Pro	
97 98 100 103 106 100 110	<212 <213 <40 <40 Met 3 5 Ile 7 0 Glr L 5	2> TY 3> OF 00> S Phe Ser	PE: RGANI BEQUE Lys Phe -10	PRT ISM: ENCE: Phe -25 Cys Thr	Baci 2 Val Leu Asp	Thi Sei Gly 10	Lys Ala	Val Val -5 Gly	Leu -20 Pro) Ala Val	a Sei L Asr 15	Ala -1 1 Ala	a Asr 1 a Thi	-19 n Thi	Ty:	r Trp y Pro 20	
97 98 100 103 106 107 110	<212 <213 > 40 2 Met 3 5 Ile 7 0 Glr L 5	2> TY 3> OF 00> S Phe Ser	PE: RGANI BEQUE Lys Phe -10	PRT ISM: ENCE: Phe -25 Cys Thr	Baci 2 Val Leu Asp	Thi Sei Gly 10	Lys Ala	Val Val -5 Gly	Leu -20 Pro	o Ala Val Jase	a Sei L Asr 15	Ala -1 1 Ala	a Asr 1 a Thi	-19 n Thi	Ty: Gl; Gl; e Va	r Trp y Pro	
97 98 100 103 106 103 116 114 115	<212 <213) <40 2 Met 3 5 Ile 7 () Glr L 5 L 5	2> TY 3> OF 00> S Phe Ser Tyr	PE: RGANI BEQUE Lys Phe -10 Try Asr	PRT ISM: ENCE: Phe -25 Cys Thr	Baci 2 2 Val 5 Leu 7 Asp 7 Ser 25	Thin Ser Gly 10 Val	Lys Ala Gly Thr	Val Val -5 Gly	Let -20 Pro Thi) Ala Val J Asp 30	a Ser l Asr 15 p Thr	Ala -1 n Ala Gly	a Asr 1 a Thi	-15 n Thi Asr	Ty: n Gl; e Va: 35	r Trp y Pro 20 l Val	
97 98 100 103 103 110 111 114 115	<212 <213 <213 2 Met 3 5 Ile 7 Class Gly 5 Gly 6 Gly 6 Gly 7 6 Gly 7 7 8 Gly 7 8 Gly 8 Gly	2> TY 3> OF 00> S Phe Ser Tyr	PE: RGANI BEQUE Lys Phe -10 Try Asr	PRT ISM: ENCE: Phe -25 Cys Thr Tyr	Baci 2 2 Val 5 Leu 7 Asp 7 Ser 25	Thin Ser Gly 10 Val	Lys Ala Gly Thr	Val Val -5 Gly	Let -20 Pro) Ala Val J Asp 30	a Ser l Asr 15 p Thr	Ala -1 n Ala Gly	a Asr 1 a Thi	-15 Thi Asr Asr Phe	Ty: n Gl; e Va: 35	r Trp y Pro 20	
97 98 100 103 106 107 116 118 118	<212 <213 <40 <40 <40 <40 <40 <40 <40 <40 <40 <40	2> TY 3> OF 3> OF 00> S Phe Ser TY Y Gly	PE: RGANI REQUE E Lys Phe -10 Try Asr	PRT (SM: ENCE: Phe -25 Cys Thr Tyr 40	Baci 2 Val 5 Leu Asp 25 Glu	Thi Ser O Gly 10 Val	Lys Ala Gly Thr	Val Val -5 Gly Trr	Leu -20 Pro Thi Arc	O Ala Val J Asp 30 Asr	A Ser L Asr 15 Thi	Ala -1 -1 Ala Gly	Asr Thi Asr	-15 Thi Asr Phe His 50	Ty: Ty: Gl; Va: 35; Ty:	r Trp y Pro 20 l Val r Asn	
97 98 100 103 103 110 114 115 118 119	<pre><212 <213 <40 2 Met 3 5 Ile 7 1 Glr 1 5 4 Glr 5 3 Glr 2 Ala</pre>	2> TY 3> OF 3> OF 00> S Phe Ser TY Y Gly	PE: RGANJ REQUE E Lys Phe -10 Trp Asr Asr S Gly	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr 40 L Trp	Baci 2 Val 5 Leu Asp 25 Glu	Thi Ser O Gly 10 Val	Lys Ala Gly Thr Gly Ser	Val Val -5 Gly Trr	Leu -20 Pro Thi Arg	O Ala Val J Asp 30 Asr	A Ser L Asr 15 Thi	Ala -1 n Ala Gly Thi	Asr Thi Asr Ile	-19 Thi Asr Phe His 50 Let	Ty: Ty: Gl; Va: 35; Ty:	r Trp y Pro 20 l Val	
97 98 100 103 106 110 111 114 115 112 123	<pre><212 <213 <40 >40 2 Met 3 5 Ile 5 Gly 5 3 Gly 9 2 Ala 3</pre>	2> TY 3> OF 3> OF 00> S Phe Ser Tyr Gly Lys	PE: RGANJ SEQUE E Lys Phe -10 Try Asr SGly Val	PRT (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp	Baci 2 Val 5 Leu Asp 25 Glu	This Sei	Lys Ala Gly Thr Gly Ser	Val Val -5 Gly Trp Ser Gly 60	Let -20 Pro Thi Arg	O Ala C Val G Asr 30 O Asr	A Sen L Asr 15 P Thi Arc	C Ala -1 n Ala C Gly Thi	Asr 1 Thi Asr 11e 1 Thi 65	-19 Thi Asr Phe His 50 Let	Ty: TY: TY: TY: TY: TY: TY: TY:	r Trp y Pro 20 l Val r Asn r Gly	
97 98 100 102 103 110 111 112 112 123 123	<pre><212 <213 <40 > 40 Met Figure 1 Figure 1 Figure 1 Figure 2 Figure 1 Figure 2 Figure</pre>	2> TY 3> OF 00> S Phe Ser TY 7 Gly 7 Lys 9 Thr	PE: RGANJ SEQUE E Lys Phe -10 Try Asr SGly Val	PRT (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp	Baci 2 Val 5 Leu Asp 25 Glu	This Sei	Lys Ala Gly Thr Gly Ser	Val Val -5 Gly Trp Ser Gly 60	Let -20 Pro Thi Arg	O Ala C Val G Asr 30 O Asr	A Sen L Asr 15 P Thi Arc	Ala -1 Ala Gly Thi Lev	Asr 1 Thi Asr 11e 1 Thi 65	-19 Thi Asr Phe His 50 Let	Ty: TY: TY: TY: TY: TY: TY: TY:	r Trp y Pro 20 l Val r Asn	
97 98 100 103 106 107 116 118 118 122 123 126	<pre><212 <213 <40 > <40 3 6</pre>	2> TY 3> OF 00> S Phe Ser TY 7 Gly 7 Lys 3 Gly 70	PE: RGANJ SEQUE E Lys Phe -10 Trr Asr S Gly Val 55 Arg	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp 40 Trp Asr	Baci 2 Val 5 Leu Asp 25 Glu O Glu	Thr Ser 10 Val Ile Pro	Lys Ala Gly Thr Gly Ser 116	Val Val -5 Gly Trr Ser Gly 60	Let -20 Pro Thi Arg	O Ala Val J Asp 30 Asr O Asr I Gly	A Ser L Asr 15 D Thr Arc Tyr	C Ala -1 n Ala C Gly Thi Lev Lev 80	A Asr Thi Asr Ile 1 Thi 65 I Asr	-19 Thi Asi Phe His 50 Let Asi	Ty: Gl; Va: 35; Ty: Ty: Tr:	r Trp y Pro 20 l Val r Asn r Gly	
97 98 100 103 106 107 116 115 118 122 123 126 127 130	<pre><212 <213 ><40 ><40 2 Met 3 5 Ile 6 Ile 7 1 Glr 1 Glr 2 Ala 8 Trr 7 7 Thr</pre>	2> TY 3> OF 00> S Phe Ser TY 7 Gly 7 Lys 3 Gly 70	PE: RGANJ SEQUE E Lys Phe -10 Trr Asr S Gly Val 55 Arg	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp 40 Trp Asr	Baci 2 Val 5 Leu Asp 25 Glu O Glu	Thr Ser O Gly 10 Val Ile Pro	Lys Ala Gly Thr Gly Ser 116	Val Val -5 Gly Trr Ser Gly 60	Let -20 Pro Thi Arg	O Ala Val J Asp 30 Asr O Asr I Gly	A Ser L Asr 15 D Thr Arc V Tyr C Val	C Ala -1 n Ala C Gly Thi Lev Lev 80	A Asr Thi Asr Ile 1 Thi 65 I Asr	-19 Thi Asi Phe His 50 Let Asi	Ty: Gl; Va: 35; Ty: Ty: Tr:	r Trp y Pro 20 l Val r Asn r Gly p Gly	
97 98 100 103 106 107 116 118 118 122 123 126 123 136	<pre><212 <213 ><40 ><46 8 6 Ile 6 Ile 7 0 Glr L 5 4 Gly 6 8 Gly 7 7 7 Thr L 85</pre>	2> TY 3> OF	PE: RGANJ REQUE E Lys Phe -10 Try Asr S Gly Val 55 Arg	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr Trp 40 Trp Asr	Baci 2 2 2 3 4 4 5 5 5 6 6 7 7 7 8 7 8 7 8 8 7 9 9 9 9 9 9 9 9 9 9	Thr Ser O Gly 10 Val Ile Pro Leu 90	Lys Ala Gly Thr Gly Ser Ile 75	Val Val -5 Gly Trr Ser 60 Gly	Let -20 Pro Thi Arc	Asp Asp 30 Asr Gly Tyr	A Ser L Asr 15 D Thr Arc 7 Tyr C Val 7 Thr 95	This Let Value Val	Asr 1 Asr 1le 1 Thi 65 1 Asr	-19 n Thi Asr n Phe 50 c Let D Asr	Ty: Gl; Va: 35; Ty: Ty: Tr; As;	r Trp y Pro 20 l Val r Asn r Gly p Gly p Gly 100	
97 98 100 103 106 107 116 118 118 122 123 130 131 134	<pre><212 <213 0 <40 2 Met 3 5 Ile 7 0 Glr L 5 4 Gly 5 2 Ala 3 7 7 7 Thr L 85 4 Gly 1 Gly 2</pre>	2> TY 3> OF	PE: RGANJ REQUE E Lys Phe -10 Try Asr S Gly Val 55 Arg	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr Trp 40 Trp Asr	Baci 2 2 2 Val 6 6 Leu 7 Asp 25 Glu 9 Glu 1 Gln 9 Thr	Thi Sei 10 Val Ile Pro Leu 90	Lys Ala Gly Thr Gly Ser Ile 75	Val Val -5 Gly Trr Ser 60 Gly	Let -20 Pro Thi Arc	Arg	A Ser L Asr 15 Thr Arc 7 Tyr T Val 7 Thr 95 Tyr	This Let Value Val	Asr 1 Asr 1le 1 Thi 65 1 Asr	-19 n Thi Asr n Phe 50 c Let D Asr	Ty: Gl; Vai 35 5 Ty: Ty: Tr; As:	r Trp y Pro 20 l Val r Asn r Gly p Gly 100 r Ile	
97 98 100 102 103 106 110 111 112 123 126 127 130 131 134 135	<pre><212 <213 ><40 ><40 ><40 ></pre> <pre>% Met %</pre> <pre>% Ile %</pre> <pre>% Glr %</pre> <pre><pre>% Glr %</pre> <pre>% Glr %</pre> <pre>% Glr %</pre> <pre>% G</pre></pre>	2> TY 3> OF	PE: RGANI RGANI REQUE RE	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp 40 Trp Asr	Baci 2 2 2 2 3 4 4 5 5 5 6 6 7 7 7 7 7 8 7 8 7 8 8 8 8 8 8 8 8 8	Thr Ser 10 Val Ile Pro Leu 90 Tyr	Lys Ala Gly Thr Ser Thr	Val -5 Gly Try Ser Gly 60 His	Let -20 Pro Thi Arg	Asp Asp Asp Asp Asp Asp Typ Gly Asp 110	A Ser L Asr 15 Thr Arc Tyr Val Thr 95 Tyr	This Let Vall 80 Vall Asi	Asr 1 Asr 1 Asr 1 Thi 65 L Asr L Val	-19 Asr Phe His 50 Let D Asr	Ty: Gl; Va; 35; Ty: Ty: As: Se: 11	r Trp y Pro 20 l Val r Asn r Gly p Gly 100 r Ile	
97 98 100 102 103 106 111 114 115 122 123 126 131 134 135 138	<pre><212 <213 <213 0 <40 2 Met 3 5 Ile 7 0 Glr L 5 4 Gly 5 3 Gly 2 Ala 3 7 7 7 Thr L 85 1 Gly 6 Gly 6 Gly 7 8 S Tr 8 Gly 8 S Tr 9 Tr 9</pre>	2> TY 3> OF	PE: RGANI RGANI REQUE RE	PRT (SM: (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp 40 Trp Asr	Baci 2 Val 5 Lev Asp 25 Glu 6 Glu 7 Thr 116 105	Thr Ser 10 Val Ile Pro Leu 90 Tyr	Lys Ala Gly Thr Ser Thr	Val -5 Gly Try Ser Gly 60 His	Let -20 Pro Thi Argo As As Tyris Argo Met	Asi Asi 30 Asi Gly Tyi Gly Are 110	A Ser L Asr 15 Thr Arc Tyr Val Thr 95 Tyr	This Let Vall 80 Vall Asi	Asr 1 Asr 1 Asr 1 Thi 65 L Asr L Val	-19 Asr Asr 50 Lev Asr Ser From Pro	Ty: Gly Va. 35 Ty: Ty: Ty: As: Se: 11 Se:	r Trp y Pro 20 l Val r Asn r Gly p Gly 100 r Ile	
97 98 100 102 103 106 110 111 114 115 122 123 130 131 134 135 138 138	<pre><212 <213 ><216 ><40 ><40 ><40 ><40 ><40 ><40 ><40 ><40</pre>	2> TY 3> OF	PE: RGANI RGANI REQUE RGANI REQUE RE	PRT (SM: ENCE: Phe -25 Cys Thr Tyr 40 Trp 40 Trp Asr	Baci 2 2 2 4 Val 5 5 Leu 7 Asp 7 Ser 7 25 6 Glu 8 Glu 9 Thr 1 116 1 105	Thi Sei O Gly 10 Val Ile O Pro O Lei F Gly 90 Tyri F Phe	Lys Ala Gly Thr Gly Ser Thr Thr	Value	Let -20 Pro Thi Arg Arg Asr Asr Met	Asi Asi 30 Asi Gly Tyi Gly Are 110	A Ser L Asr 15 D Thi Arg V Tyr Val V Thi 95 U Tyr D Ser	Ala -1 Ala Gly Thi Leu Leu Val 80 Val Asr	Asr 1 Asr Asr 1 Thi 65 L Asr L Val	-19 Asr Asr Phe 50 Lev Asr Ser Asr Glr 130	Ty: Gly Va. 35 Ty: Ty: Ty: As: Se: 11 Se:)	r Trp y Pro 20 l Val r Asn r Gly p Gly 100 r Ile	

RAW SEQUENCE LISTING DATE: 08/15/2006
PATENT APPLICATION: US/10/588,449 TIME: 16:51:58

Input Set : A:\PTO.AMC.txt

191 gcgttgagac gcgcggccgc cattcttctt aatgagtaaa tcttaagttc g

Output Set: N:\CRF4\08152006\J588449.raw

135 143 140 146 Ala Trp Arg Asn Ala Gly Met Asn Leu Gly Ser Ser Trp Ser Tyr Gln 155 160 150 Val Leu Ala Thr Glu Gly Tyr Gln Ser Ser Gly Arg Ser Asn Val Thr 151 165 170 175 154 Val Trp 158 <210> SEQ ID NO: 3 159 <211> LENGTH: 47 160 <212> TYPE: DNA 161 <213> ORGANISM: Artificial 163 <220> FEATURE: 164 <223> OTHER INFORMATION: Primer 1 167 <220> FEATURE: 168 <221> NAME/KEY: source 169 <222> LOCATION: (19)..(47) 170 <223> OTHER INFORMATION: B. halodurans 172 <400> SEQUENCE: 3 47 173 cattetgeag cegeggeeaa tacetattgg caatattgga cegatgg 176 <210> SEQ ID NO: 4 177 <211> LENGTH: 51 178 <212> TYPE: DNA 179 <213> ORGANISM: Artificial 181 <220> FEATURE: 182 <223> OTHER INFORMATION: Primer 2 185 <220> FEATURE: 186 <221> NAME/KEY: source 187 <222> LOCATION: (21)..(51) 188 <223> OTHER INFORMATION: B. halodurans 190 <400> SEQUENCE: 4

51

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/15/2006
PATENT APPLICATION: US/10/588,449 TIME: 16:51:59

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J588449.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARY

DATE: 08/15/2006

PATENT APPLICATION: US/10/588,449

TIME: 16:51:59

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\08152006\J588449.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING DATE: 08/11/2006
PATENT APPLICATION: US/10/588,449 TIME: 11:04:32

Input Set : A:\01-SQ Listing-11 Aug 2006.txt
Output Set: N:\CRF4\08112006\J588449.raw

```
3 <110> APPLICANT: Lundquist, Henrik
4 Spendler, Tina
5 Hoff, Tine
7 <120> TITLE OF INVENTION: Preparation of Dough-Based Product
9 <130> FILE REFERENCE: 10581-204-US

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/588,449

C--> 11 <141> CURRENT FILING DATE: 2006-08-03
11 <160> NUMBER OF SEQ ID NOS: 4
13 <170> SOFTWARE: PatentIn version 3.3
```

ERRORED SEQUENCES

	177 < 178 < 179 < 181 < 182 < 185 < 186 < 187 < 188 <	<211><212><213><223><223><221><221><221>	ORGANISM: Artificial FEATURE: OTHER INFORMATION: Primer 2 FEATURE: NAME/KEY: source LOCATION: (21)(51) OTHER INFORMATION: B. halodurans	Not Comply cted Diskette No	^g ed _{ed}
E>		gcgtte	SEQUENCE: 4 gagac gegeggeege cattettett aatgagtaaa tettaagtte	g	51

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/11/2006
PATENT APPLICATION: US/10/588,449 TIME: 11:04:33

Input Set : A:\01-SQ Listing-11 Aug 2006.txt
Output Set: N:\CRF4\08112006\J588449.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4

VERIFICATION SUMMARYPATENT APPLICATION: US/10/588,449

DATE: 08/11/2006
TIME: 11:04:33

Input Set : A:\01-SQ Listing-11 Aug 2006.txt
Output Set: N:\CRF4\08112006\J588449.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:197 M:254 E: No. of Bases conflict, this line has no nucleotides.

. . . .